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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 27, 2008 <i>(use as many sheets as necessary)</i>		Complete if Known	
Application Number		10/822,437	
Filing Date		04/12/2004	
First Named Inventor		Alan Y. Chow	
Art Unit		3772	
Examiner Name		Brown, Michael A.	
Attorney Docket Number		072521-0125	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/M.B./	A1.	US-2003/0139784 A1	07-24-2003	Morimoto et al.	
	A2.	US-2002/0095193 A1	07-18-2002	Ok et al.	
	A3.	US-2002/0038134 A1	03-28-2002	Greenberg et al.	
	A4.	US-7,003,355 B1	02-21-2006	Suaning et al.	
	A5.	US-6,718,209 B2	04-06-2004	Williamson et al.	
	A6.	US-6,647,297 B2	11-11-2003	Scribner	
	A7.	US-6,549,808 B1	04-15-2003	Gisel et al.	
	A8.	US-6,511,508 B1	01-28-2003	Shahinpoor et al.	
	A9.	US-6,458,157 B1	10-01-2002	Suaning	
	A10.	US-6,427,087 B1	07-30-2002	Chow et al.	
	A11.	US-6,423,001 B1	07-23-2002	Abreu	
	A12.	US-6,282,449 B1	08-28-2001	Kamerling et al.	
	A13.	US-6,275,735 B1	08-14-2001	Jarding et al.	
	A14.	US-6,264,971 B1	07-24-2001	Darougar et al.	
	A15.	US-6,154,671	11-28-2000	Parel et al.	
	A16.	US-6,101,411	08-08-2000	Newsome	
	A17.	US-6,083,251	07-04-2000	Shindo	
	A18.	US-6,007,477	12-28-1999	Demenezes	
	A19.	US-6,006,756	12-28-1999	Shadduck	
	A20.	US-5,944,747	08-31-1999	Greenberg et al.	
	A21.	US-5,843,147	12-01-1998	Testerman et al.	
	A22.	US-5,782,894	07-21-1998	Israel	
	A23.	US-5,674,263	10-07-1997	Yamamoto et al.	
	A24.	US-5,578,040	11-26-1996	Smith	
	A25.	US-5,522,864	06-04-1996	Wallace et al.	
	A26.	US-5,496,355	03-05-1996	Lipsky	
	A27.	US-5,360,438	11-01-1994	Fisher	
	A28.	US-5,174,304	12-29-1992	Latina et al.	
	A29.	US-5,154,174	10-13-1992	Hawlina	
	A30.	US-5,147,284	09-15-1992	Fedorov et al.	
	A31.	US-5,109,846	05-05-1992	Thomas	
	A32.	US-5,099,829	03-31-1992	Wu	
	A33.	US-5,025,811	06-25-1991	Dobrogowski et al.	
	A34.	US-4,989,605	02-05-1991	Rossen	
	A35.	US-4,979,508	12-25-1990	Beck	
	A36.	US-4,955,378	09-11-1990	Grasso	

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Sheet	2	of	4	Attorney Docket Number	072521-0125

U.S. PATENT DOCUMENTS					
		Document Number			
/M.B./	A37.	US-4,874,237	10-17-1989	Cringle	
	A38.	US-4,667,676	05-26-1987	Guinta	
	A39.	US-4,664,117	05-12-1987	Beck	
	A40.	US-4,614,193	09-30-1986	Liss et al.	
	A41.	US-4,603,697	08-05-1986	Kamerling	
	A42.	US-4,525,776	06-25-1985	Eldumiati et al.	
	A43.	US-4,484,922	11-27-1984	Rosenwald	
	A44.	US-4,326,529	04-27-1982	Doss et al.	
	A45.	US-4,271,841	06-09-1981	Friedman	
	A46.	US-4,089,329	05-16-1978	Couvillon, Jr. et al.	
	A47.	US-4,018,218	04-19-1977	Carlson et al.	
	A48.	US-3,995,659	12-07-1976	Cantore	
	A49.	US-3,995,635	12-07-1976	Higuchi et al.	
	A50.	US-3,893,444	07-08-1975	Fatt	
	A51.	US-3,769,961	11-06-1973	Fatt et al.	
	A52.	US-3,699,970	10-24-1972	Brindley et al.	
	A53.	US-3,320,947	05-23-1967	M. H. Knoll	
	A54.	US-2,721,316	10-18-1955	J. D. Shaw	
	A55.	US-2,525,381	10-10-1950	P. Tower	
	A56.	US-1,684,860	09-18-1928	Catlin	
	A57.	US-793,004	06-20-1905	F. H. May	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/M.B./	A58.	WO 03/002190 A3	01-09-2003	Chow et al.		
	A59.	RU 2 189 800 C2	09-27-2002	Gerasimenko et al.		
	A60.	RU 2 177 766 C2	01-10-2002	Linnik et al.		
	A61.	RU 2 161 019 C1	12-27-2000	Safina		
	A62.	EP 1 061 996 B1	12-27-2000	Greenberg et al.		
	A63.	EP 1 061 874 B1	12-27-2000	Humayun et al.		
	A64.	RU 2 146 909 C1	03-27-2000	Gogiashvili		
	A65.	JP 2000-24122 A	01-25-2000	Uchiike		
	A66.	RU 2 128 485 C1	04-10-1999	Gimranov et al.		
	A67.	RU 2 102 046 C1	01-20-1998	Chibisova et al.		
	A68.	RU 2 098 056 C1	12-10-1997	Katsnelson et al.		

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/M.B./	A69.	RU 2 098 009 C1	12-10-1997	Linnik et al.		
	A70.	RU 2 093 118 C1	10-20-1997	Panin et al.		
	A71.	JP 9-266954 A	10-14-1997	Inomata et al.		
	A72.	RU 2 090 167 C1	09-20-1997	Fedorov et al.		
	A73.	RU 2 089 144 C1	09-10-1997	Linnik et al.		
	A74.	RU 2 086 216 C1	08-10-1997	Zaguskin et al.		
	A75.	RU 2 077 291 C1	04-20-1997	Shandurina		
	A76.	RU 2 074 684 C1	03-10-1997	Shlygin et al.		
	A77.	RU 2 074 681 C1	03-10-1997	Margus et al.		
	A78.	RU 2 072 815 C1	02-10-1997	Zhuchenko et al.		
	A79.	SU 1826174 A1	11-10-1996	Fedorov et al.		
	A80.	RU 2 063 199 C1	07-10-1996	Guskov et al.		
	A81.	RU 2 062 128 C1	06-20-1996	Machekhin et al.		
	A82.	RU 2 062 080 C1	06-20-1996	Chentsova et al.		
	A83.	JP 8-154897 A	06-18-1996	Motokawa		
	A84.	RU 2 054 909 C1	02-27-1996	Fedorov et al.		
	A85.	RU 2 025 114 C1	12-30-1994	Fedorov et al.		
	A86.	SU 1837858 A3	08-30-1993	Zhuchenko		
	A87.	SU 1833730 A1	08-15-1993	Soldatova et al.		
	A88.	SU 1827222 A1	07-15-1993	Shamshinova et al.		
	A89.	SU 1801021 A3	03-07-1993	Alferov et al.		
	A90.	SU 1766401 A1	10-07-1992	Okovitev et al.		
	A91.	SU 1757666 A1	08-30-1992	Soldatova et al.		
	A92.	EP 0 325 201 A2	07-26-1989	Frick		
	A93.	SU 1409264 A1	07-15-1988	Blagodatnyj et al.		
	A94.	SU 1395316 A2	05-15-1988	Sidorenko et al.		
	A95.	SU 1386208 A1	04-07-1988	Nuritdinov		
	A96.	SU 1139446 A	02-15-1985	Starostin		
	A97.	SU 1044283 A	09-30-1983	Shandurina et al.		
	A98.	SU 939020	06-30-1982	Rudoj et al.		
	A99.	SU 839529	06-23-1981	Kulyakin et al.		
	A100.	WO 81/01511	06-11-1981	Stover		
	A101.	SU 554863	04-25-1977	Avtorshch		

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NON PATENT LITERATURE DOCUMENTS			
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/M.B./	A102.	BOSCO ET AL., "BDNF and NT-4 Differentially Modulate Neurite Outgrowth in Developing Retinal Ganglion Cells", <i>J Neurosci Res.</i> , 1999, Vol. 57, pages 759-769.	
	A103.	CHOW ET AL., "Safety and feasibility of subretinal artificial silicon retina™ retinal prosthesis for the treatment of patients with retinitis pigmentosa", ARVO Abstract Issue of Annual Meeting, Fort Lauderdale, Florida, April 29-May 4, 2001, Abstract 5042-11:11, Published March 15, 2001, 2 pages.	
	A104.	Copy of PCT International Preliminary Examination Report related to International Application No. PCT/US/02/20557, date of completion of this report 04-03-2004 (4 pgs.).	
	A105.	Copy of International Search Report related to PCT/US02/20808 dated March 21, 2003, 1 page.	
	A106.	FRASSON ET AL., "Glial Cell Line-Derived Neurotrophic Factor Induces Histologic and Functional Protection of Rod Photoreceptors in the rd/rd Mouse", <i>Invest. Ophthalmol. Visual Sci.</i> , 1999, Vol. 40, No. 11, pages 2724-2734.	
	A107.	FUJIKADO, TAKASHI, "Suprachoroidal-Transretinal Stimulation Effectively Elicits Localized Evoked Potential in RCS Rats", The first DOE International Symposium on Artificial Sight, Speaker Abstracts, May 2, 2003, page 17.	
	A108.	KANDA, H., "Suprachoroidal-Transretinal Stimulation (STS) Can Elicit Localized Evoked Responses From the Superior Colliculus in Normal and RCS Rats", ARVO Presentation Abstract, 2003, 1 page.	
	A109.	MIYOSHI ET AL., "Inhibition of Neuronal Death of Retinal Ganglion Cell by Nerve Activation Using Electrical Stimulation", Vision Forum, 5th Annual Meeting, The Kitakyushu Science and Research Park Open Commemorative Project Assent: "Symposium of Visual Neuroscience and IT.", 4 pages.	
	A110.	MORIMOTO ET AL., "Electrical stimulation enhances the survival of axotomized retinal ganglion cells in vivo", <i>NEUROREPORT</i> , February 11, 2002, Vol. 13, No. 2, pages 227-230.	
	A111.	NAKAUCHI, K., "Transretinal Electrical Stimulation by Intrasccleral Multichannel Electrode in Rabbit Eyes Reviewing Code: 237 retinal prostheses - RE", ARVO Presentation Abstract, 2003, 1 page.	
	A112.	YOKOYAMA ET AL., "Protection and retinal ganglion cells from ischemia-reperfusion injury by electrically applied Hsp27", <i>Investigative Ophthalmology & Visual Science</i> , December 2001, Vol. 42, No. 13, pages 3283-3286.	

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